Title (en)
DRIVER DEVICE AND DRIVING METHOD FOR DRIVING A LOAD

Title (de)
STEUERUNGSVORRICHTUNG UND STEUERUNGSVERFAHREN ZUR LADUNGSSTEUERUNG

Title (fr)
DISPOSITIF DE PILOTAGE ET PROCÉDÉ DE PILOTAGE POUR PILOTER UNE CHARGE

Publication
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Application
**EP 13792756 A 20131008**

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Abstract (en)
[origin: WO2014060899A2] The present invention relates to a driver device (10) for driving a load (18), comprising input terminals (14, 16) for connecting the driver device (10) to a voltage supply (12) and for receiving an input voltage (V10) from the voltage supply (12), at least one output terminal for connecting the driver device (10) to the load (18), an electromagnetic converter unit (24) for converting a drive voltage to an output voltage (V20) for powering the load (18), two controllable switches (20, 22) connected to the input terminals (14, 16) for providing a variable voltage as the drive voltage to the electromagnetic converter unit (24), and a control unit (28) for controlling a first of the controllable switches (20, 22) on the basis of an electrical signal (V12) measured at a member of the electromagnetic converter unit (24) and a threshold level (40, 52) and for controlling a second of the controllable switches (20, 22) on the basis of a control parameter (50, tOFF) set to a value that the on-times of the controllable switches (20, 22) have independent durations.

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